IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An implantable ~~defibrillator~~ dual-chamber defibrillation or cardioversion device, comprising:

at least first and second input leads for sensing atrial and ventricular electrical signals from a heart;

a therapy circuit for delivering electrical energy through one or more of the leads; and

a monitoring circuit for monitoring the electrical signals through one or more of the leads, the monitoring circuit comprising:

~~programmable means for~~ a programmable memory device for storing one or more cross-chamber blanking settings; and

~~means for implementing a cross-chamber blanking period based on one of the settings.~~ circuitry for blanking an effect of atrial electrical signals in the monitoring circuitry for a period of time based on at least one of the cross-chamber blanking settings.

2. (Currently Amended) A dual-chamber defibrillation or cardioversion system comprising:

a dual-chamber defibrillator or cardioverter including first and second leads for sensing signals from respective first and second chambers of a heart and a monitoring circuit for monitoring signals sensed at the first and second leads, the monitoring circuit having:

preset time period based on ~~the one setting~~ at least one of the settings; and

means for changing one or more of the cross-chamber blanking settings after implantation of the defibrillator or cardioverter.

3-5. (Canceled)

6. (New) The device of claim 1, wherein the circuitry for blanking includes means for computing a noise window width based on a refractory period and one of the cross-chamber blanking settings.

7. (New) The system of claim 2, wherein the cross-chamber blanking module includes means for computing a noise window width based on at least the one of the cross-chamber blanking settings.

8. (New) An implantable dual-chamber cardioversion or defibrillation device, comprising:

first and second leads for sensing signals from respective first and second chambers of a heart;

a monitoring module for monitoring signals sensed at the first and second leads, the monitoring means including:

a memory module for storing one or more cross-chamber-blanking settings; and

cross-chamber-blanking module responsive to at least one of the settings for disabling sensing signals at the first or second lead or for ignoring signals at the first or second lead for a time period based on at least one of the

stored cross-chamber blanking settings;

means, coupled to the memory module, for wirelessly receiving at least one cross-chamber blanking settings after implantation of the device and for programming the memory module based on the one received cross-chamber blanking setting; and

a therapy module, responsive to the monitoring module, for delivering a therapeutic agent to the heart.

9. (New) The device of claim 7, wherein the therapeutic agent is a non-electrical agent.

10. (New) The device of claim 7, wherein the cross-chamber-blanking module comprises means for computing a noise window duration based at least on the one cross-chamber blanking setting.